# SERIES 355NSRL (T) - 365NSRL (L)

Spring Return 3 WAY BALL VALVE

Brass ball valve - Three way diverting valve with deadman handle, standard port, from 1/4” to 3”. Four seats.
- Pressure rating 400 WOG - 100 WSP.
- Model 355NSRL (90° and 180° flow path)
- Model 365NSRL (90° with off position)
- Temperature to 344°F.

- Applications: Testing Automated Valves, Concrete Mixer Drain Valve, and More

**355NSRL - LEVER HANDLE - SIZE 1/4” TO 3”. “T” FLOW PATTERN**

**365NSRL - LEVER HANDLE - SIZE 1/4” TO 3”. “L” FLOW PATTERN**

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### Diagram

- **Connection:** ANSI B 1.20.1
- **O-Ring Back P.T.F.E. Seat**

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### Table: Technical Specifications

<table>
<thead>
<tr>
<th>Position</th>
<th>Part Name</th>
<th>Materials</th>
<th>Dimensions [in]</th>
<th>Parts [pcs]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Body</td>
<td>Brass CW 617N UNI EN 12165</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>End Connection</td>
<td>Brass CW 617N UNI EN 12165</td>
<td>ØP 1.34, ØH 1.40, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>Ball</td>
<td>Brass CW 617N UNI EN 12165</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Ball Seat</td>
<td>P.T.F.E.</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>Thrust Washer</td>
<td>P.T.F.E.</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>Stem Seal</td>
<td>P.T.F.E.</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>O-Ring Stem</td>
<td>FKM (Viton®)</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>O-Rings Body</td>
<td>FKM (Viton®)</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>4</td>
</tr>
<tr>
<td>9</td>
<td>Screw</td>
<td>STEEL 6S</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>Bush</td>
<td>Brass CW 614N UNI EN 12164</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>Stem</td>
<td>Brass CW 614N UNI EN 12164</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>Washer</td>
<td>NYLON</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>1</td>
</tr>
<tr>
<td>13</td>
<td>Handle</td>
<td>Fe P 11 UNI EN 10111</td>
<td>ØP 1.34, ØH 1.39, L 2.64, m 1.32, Øc 0.86, Øf 1.42, Øg 0.55</td>
<td>1</td>
</tr>
</tbody>
</table>

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**Torque Values:**

- Torque values in the table are emitted in laboratory tests under the following conditions:
  - Temperature: 20°C/
  - Pressure: 0 bar
  - Fluid: Purified Water

**Inch/lbs** Torque valves in the table are emitted in laboratory tests under the following conditions:

- Temperature: 20°C/
- Pressure: 0 bar
- Fluid: Purified Water

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**ANSI B 1.20.1**

**CONNECTION:**

(90° or 180°)

**SRL**

- LEVER HANDLE - SIZE 1/4” TO 3”

- Pressure rating 400 WOG - 100 WSP.
- Standard port, from 1/4” to 3”.
- Four seats.

- Spring Return
- Drain Valve, and More

- Applications: Testing Automated Valves, Concrete Mixer

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**FLUID:** Purified Water

**PRESSURE:** 0 bar

**TEMPERATURE:** 20°C
SERIES **355N (T) - 365N (L)***
**DIRECT MOUNT 3 WAY BALL VALVE**

Brass ball valve - Three way diverting valve with deadman handle, standard port, from 1/4” to 3”. Four seats.
- Pressure rating 400 WOG - 100 WSP.
- Model 355NSRL (90° and 180° flow path)
- Model 365NSRL (90° with off position)
- Temperature to 344°F.
- Blow out proof stem, chrome plated brass ball.
- P.T.F.E. seats with O-RING backing for low operating torque.
- P.T.F.E. seats and double O-RING stem packing.
- 100% electronically tested in the open and closed position at 80 PSI.

### FLOW PATH VARIATIONS

<table>
<thead>
<tr>
<th>Lever Assembly</th>
<th>355NSRL</th>
<th>365NSRL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Position 1</td>
<td><img src="image1" alt="FLOW PATTERN" /></td>
<td><img src="image2" alt="FLOW PATTERN" /></td>
</tr>
<tr>
<td>Position 2</td>
<td><img src="image3" alt="FLOW PATTERN" /></td>
<td><img src="image4" alt="FLOW PATTERN" /></td>
</tr>
</tbody>
</table>

**Note**
The flow paths are indicated by the markings on the spindle.